

ABSTRACT

A multiple-contact woven connector including a weave arranged to provide a plurality of tensioned fibers and a conductor woven with the plurality of tensioned fibers so as to form a plurality of peaks and valleys along a length of the conductor. The

5 conductor has a plurality of contact points positioned along the length of the conductor, such that when the conductor engages a conductor of a mating connector element, at least some of the plurality of contact points provide an electrical connection between the conductor of the multiple-contact woven connector and the conductor of the mating connector element. The tensioned fibers of the weave provide a predetermined contact

10 force between the at least some of the plurality of contact points of the conductor of the multiple-contact woven connector and the conductor of the mating connector element.